

FIG. 1

FIG. 1

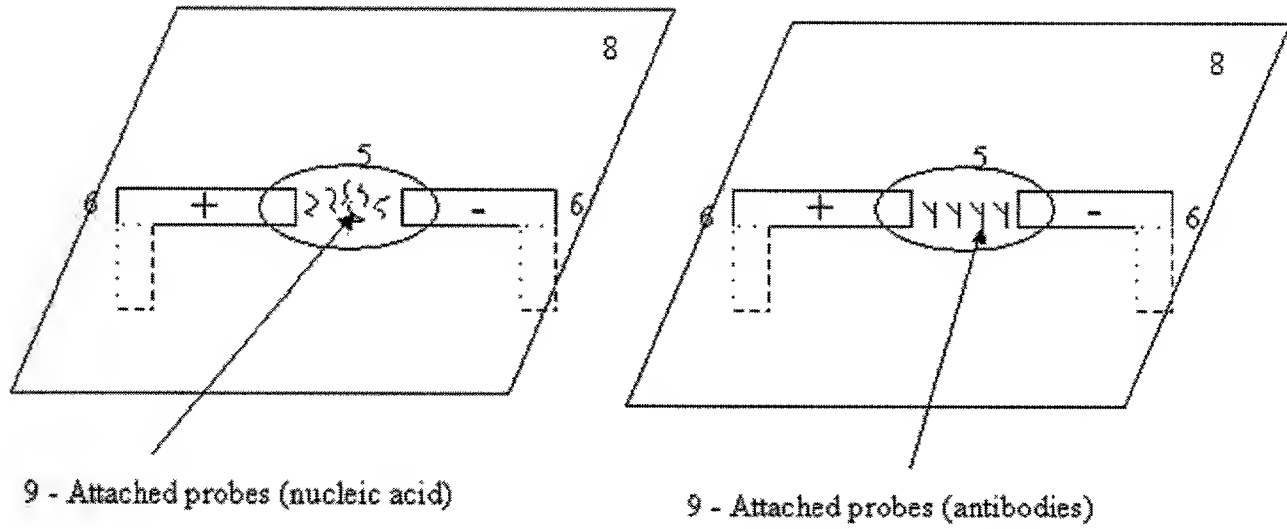
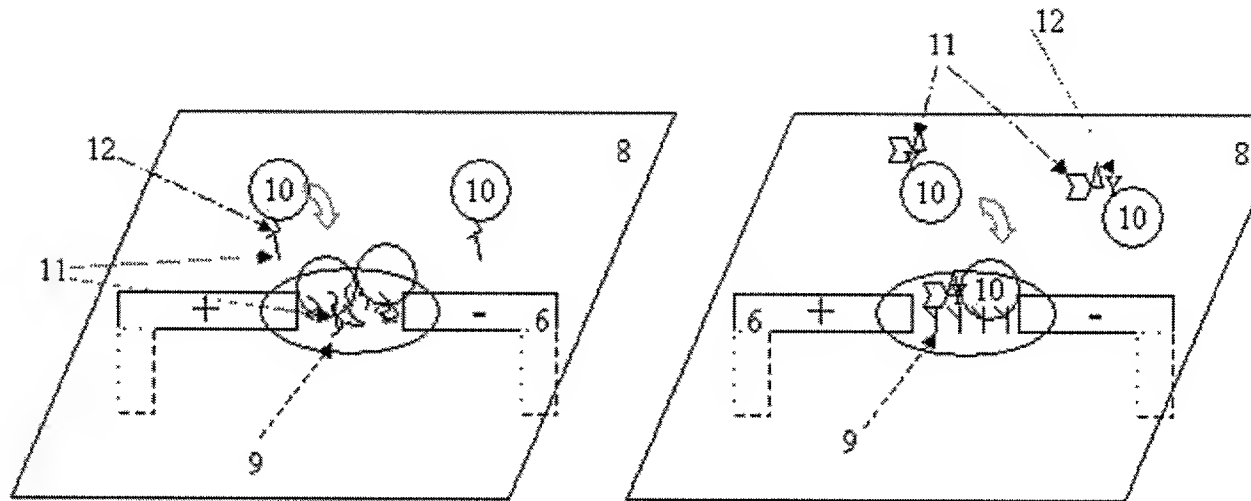


FIG. 2



11 \ Target nucleic acid

11  $\Sigma^A$  Target analyte, with two epitopes

10 Iron bead linked to second probe  
(nucleic acid) 12

10 Iron bead linked to second probe  
(antibody) 12

9 Well-bound first probe  
(nucleic acid)

9 Well-bound first probe (antibody)

FIG. 3

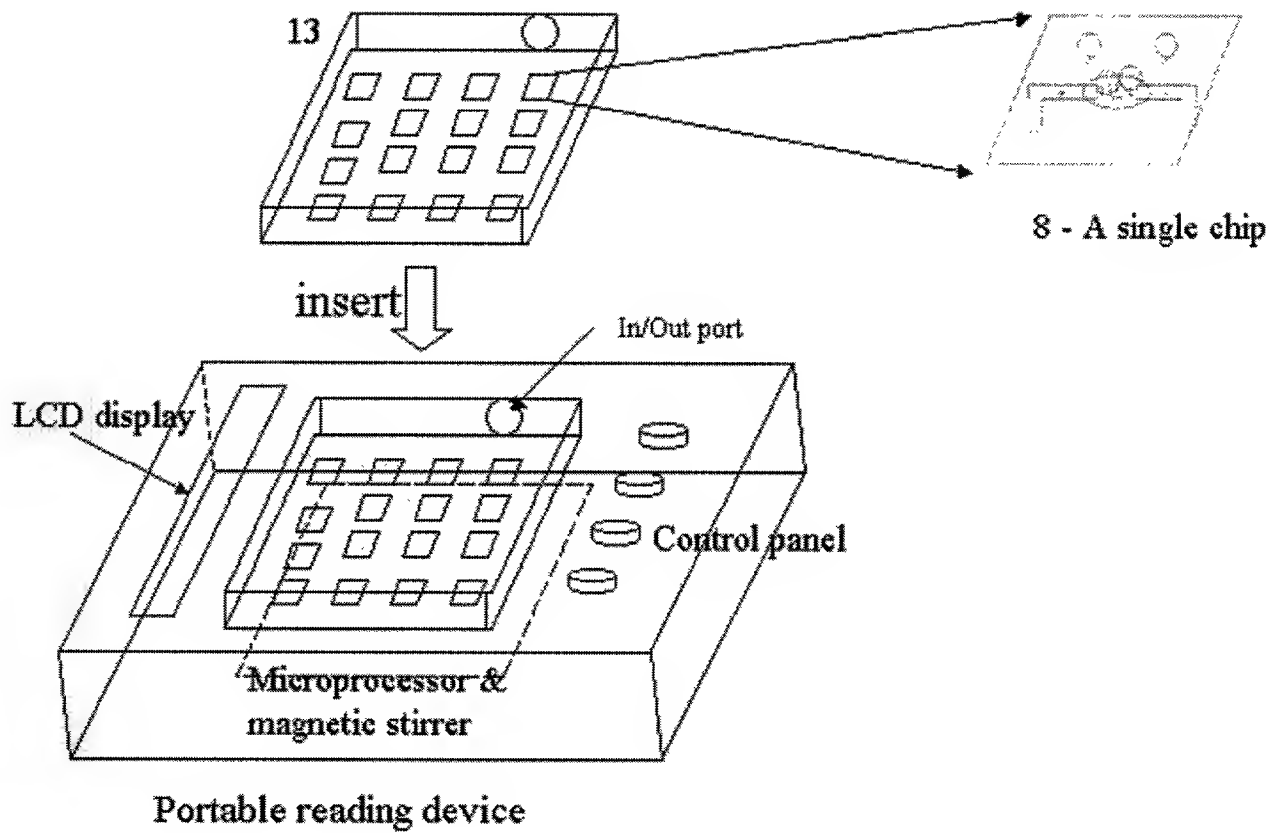
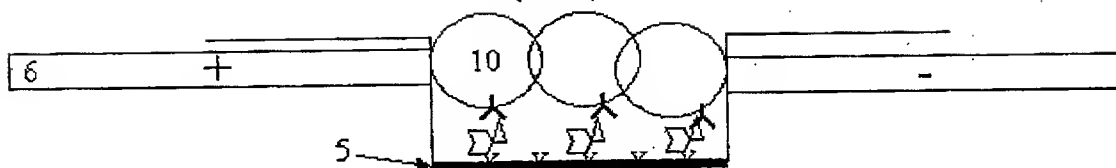


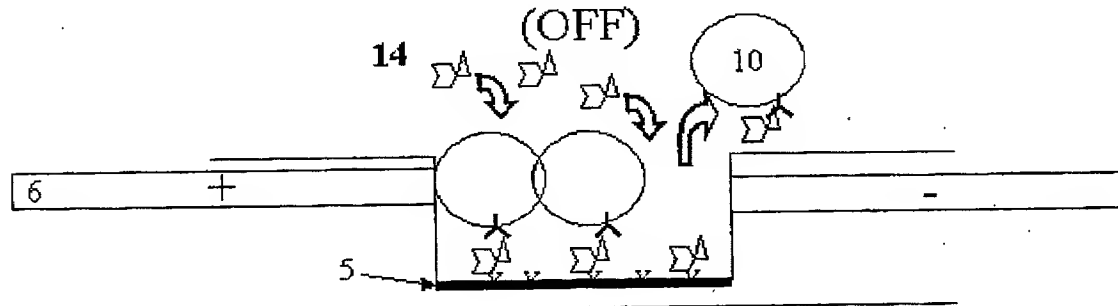
FIG. 4

TOP SECRET 65046660

Before  
(ON)

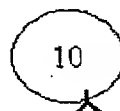


After  
(OFF)



△ Analyte (11)

—v— "well"-bound probe (9)



Iron bead-bound probe (12)

FIG. 5

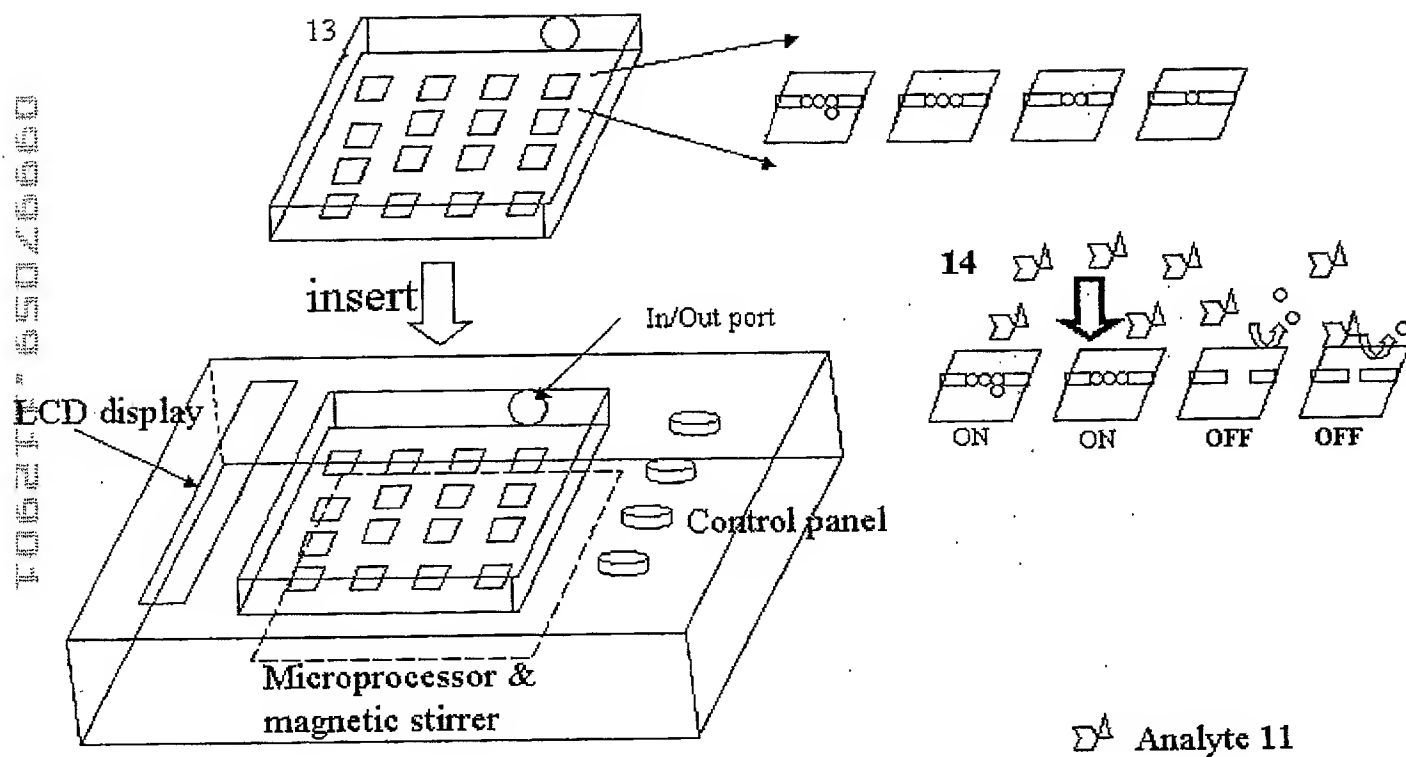
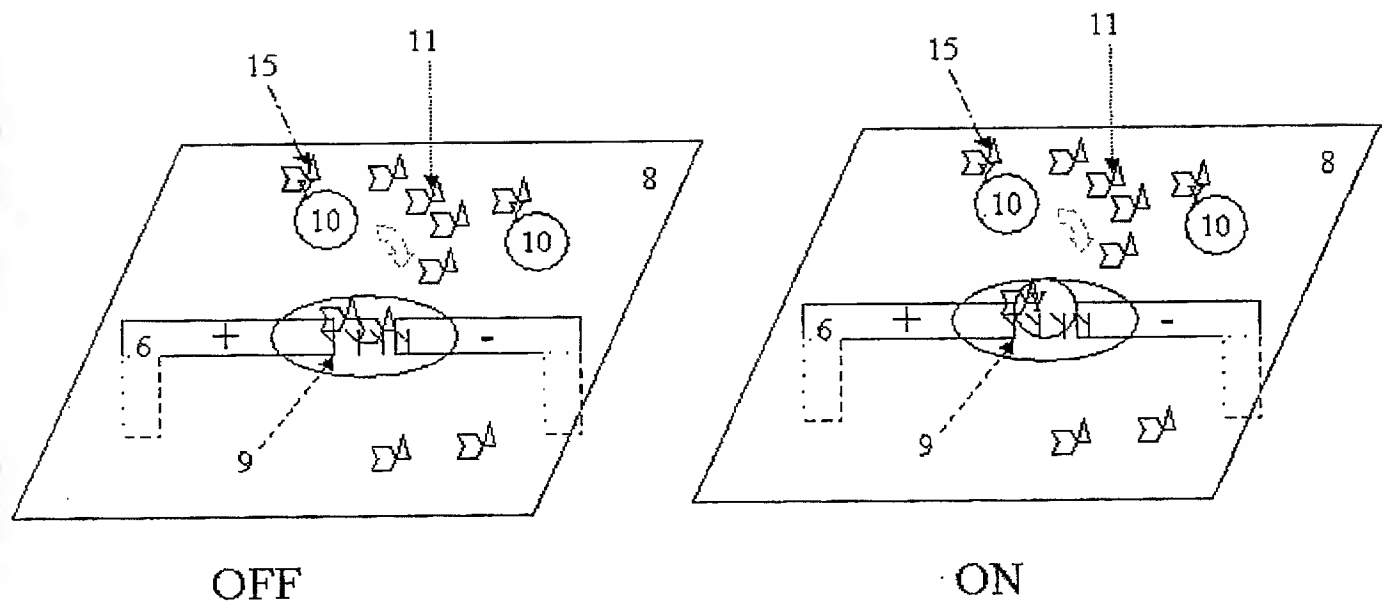


Fig. 6



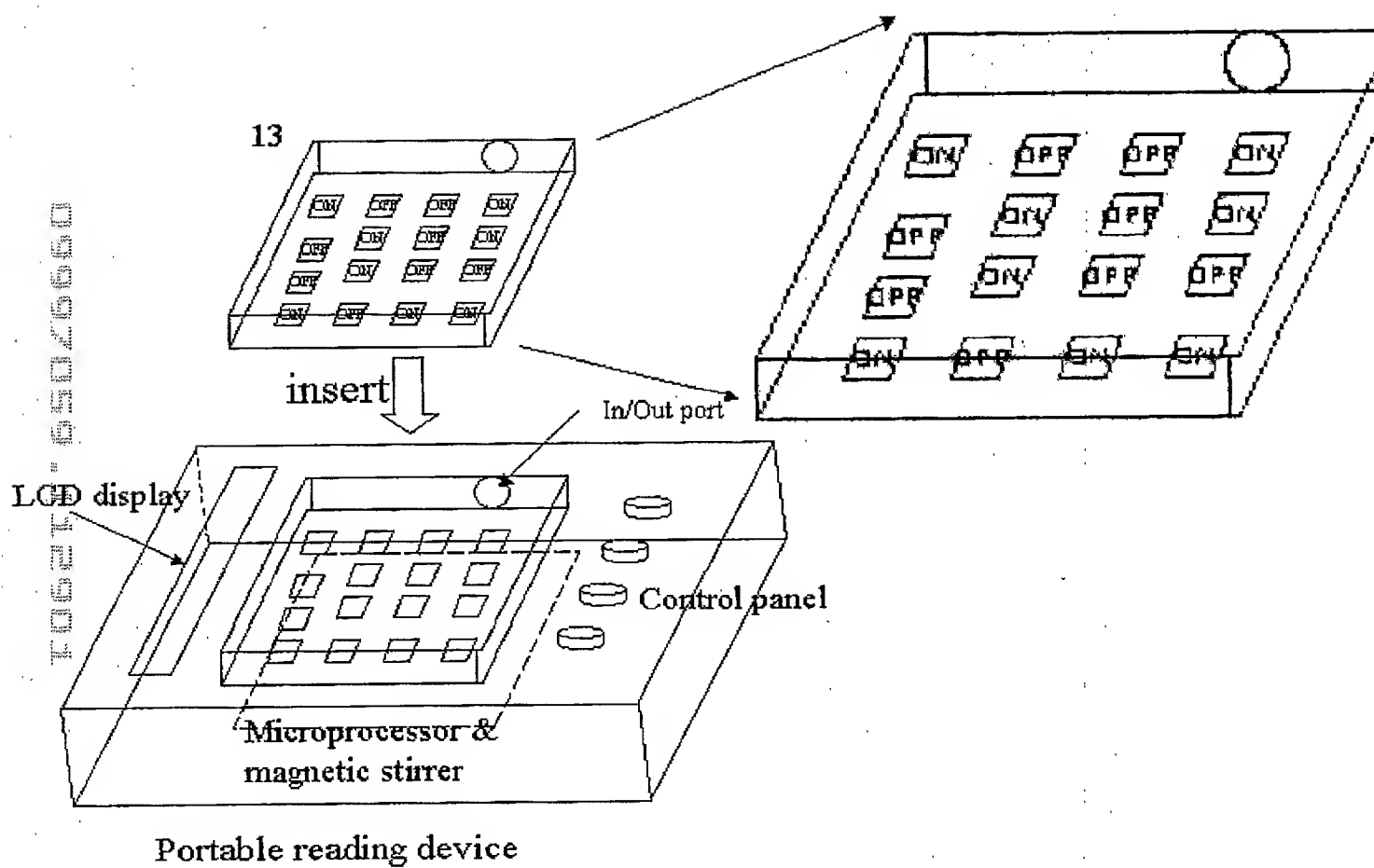


Fig. 8





22 5' GGTGGCGGCTGTTGCTGCTG 3'

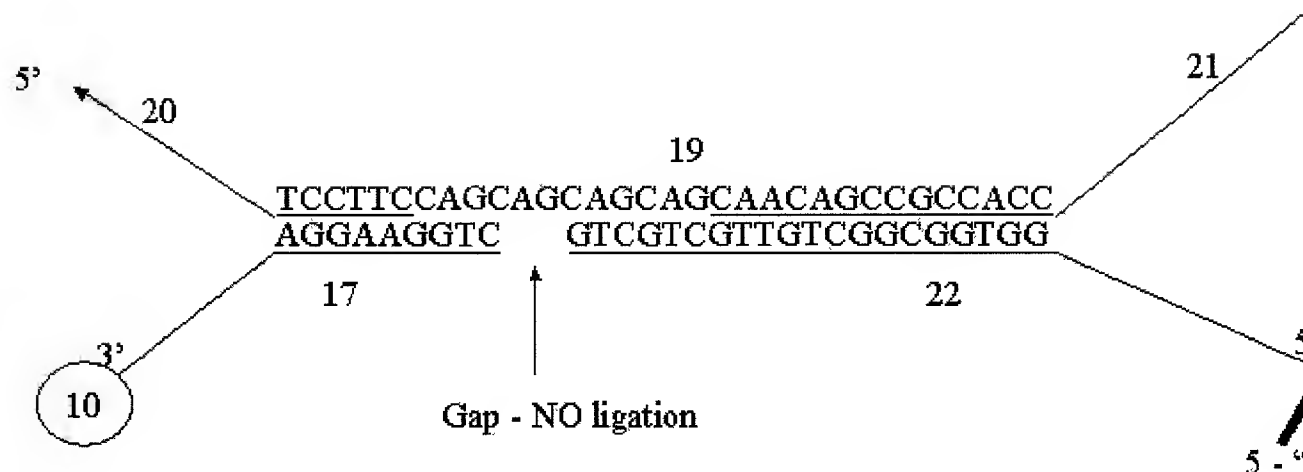


Fig. 10

23    5' GGTGGCGGCTGTTGCTGCTGCTGCTGCTG 3'

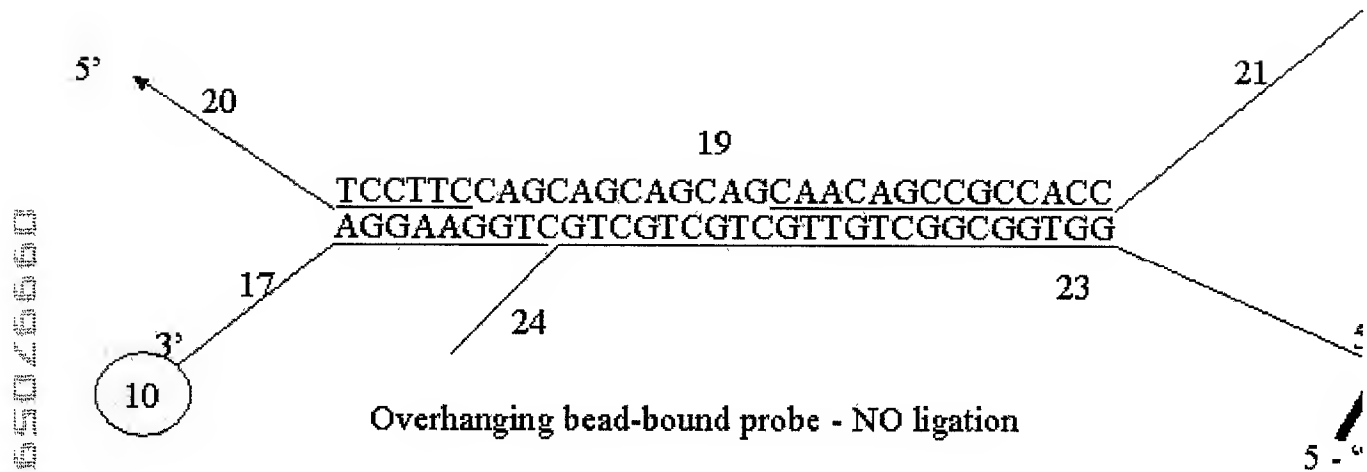


Fig. 11